



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 64002145 A

(43) Date of publication of application: 06.01.1989

(51) Int. Cl. G06F 9/46
G06F 9/46(21) Application number: 62158538
(22) Date of filing: 25.06.1987(71) Applicant: FUJITSU LTD
(72) Inventor: KAWAMURA MASATO(54) RESOURCE CONTROL SYSTEM FOR
VIRTUAL COMPUTER SYSTEM

(57) Abstract:

PURPOSE: To enable resource allocation quantity to be dynamically made proper by allowing a resource allocation control part to collect data on a resource using quantity in a virtual computer and to decide the sufficiency and insufficiency of the resource allocation quantity for each virtual machine.

CONSTITUTION: The respective virtual computers 11W13 have the resource having quantity measuring parts 15W17 which examines the using quantity of allocated resource when the computers are operated. The resource allocation control part 14 collects the data on the resource using quantity in the respective virtual computers 11W13, decides the sufficiency and the insufficiency of the resource allocation quantity for the respective virtual computers 11W13 and dynamically makes it proper. Thus even when load is fluctuated in the optional virtual computer, as the reallocation of the resource dynamically balanced can be executed, the resource can be effectively utilized. Besides, the throughput and the processing ability of the whole system can be improved.

COPYRIGHT: (C)1989,JPO&Japio

